

DATA EXPRESS DE100 REMOVABLE DRIVE ENCLOSURE

The Data Express DE100 is a steel-constructed, rugged and reliable internal storage enclosure. It supports SCSI Ultra320 or IDE ATA/133 hard drives for removable applications.



APPLICATIONS

Drive Swapping / Transporting; Security; Backup; Testing; Audio/Video Editing

FEATURES

- Field-upgradable bus isolator board option (most models)
- Key lock/power on-off
- Anti-static device protection
- Connector alignment pins
- Unit select indicator
- Front panel drive ID indicator
- Drive activity indicator
- Highly-rated mating connector(s)
- Mounting hardware included

PRODUCT BENEFITS

- Rugged construction – drive is protected in the event of physical trauma.
- Highly rated mating connectors support up to 25K insertions.
- “Soft Start” circuitry assures data integrity by eliminating in-rush current during spin-up and avoiding power arcing during insertion.
- Key lock functions as a locking device for security purposes and/or as an on-off switch.
- Exceeds rotational vibration and heat dissipation requirements of today’s high-speed drives.

OPTIONS

- Carrying Case
 - Allows easy transportation and protection of Data Express
- Cover Plate
 - Extra protection from dust with 1" drives
- Drive Plugs
 - Covers/protects unused bay
- Solenoid Lock
 - Prevents removal of the drive carrier from the frame during drive spin-down period

HOST INTERFACES SUPPORTED

Ultra ATA/133 IDE, SCSI Narrow and SCSI Ultra320 (downward-compatible)

DRIVE INTERFACES SUPPORTED

Ultra ATA/133 IDE, 50-pin SCSI Narrow, 68-pin and 80-pin SCSI Wide Ultra320 (downward-compatible)

DEVICE SIZES SUPPORTED

3.5" Low-Profile and Half-Height

COLOR

Black or White

CONSTRUCTION

Steel

PHYSICAL SPECIFICATIONS

Height	1.70" (4.32cm)
Width	5.75" (14.61cm)
Depth	8.82" (22.40cm)
Weight	2.50lbs * (1.13kg)

* Weight of empty chassis (no drive installed)

CONTACT INFORMATION

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DATA EXPRESS

DE100

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PART NUMBERS

AT/IDE - 33MB/sec (PATA)

Part Number	Description
DE100i-A	DE100 5.25" IDE Frame + Carrier
DE100i-A/B	DE100 5.25" IDE Frame + Carrier, Black
DE100i-CA	DE100 3.5" IDE Carrier
DE100i-CA/B	DE100 3.5" IDE Carrier, Black
DE100i-RA	DE100 5.25" IDE Receiving Frame
DE100i-RA/B	DE100 5.25" IDE Receiving Frame, Black

PATA - 133MB/sec

Part Number	Description
DE100i-A100	DE100 5.25" Ultra ATA/133 Frame + Carrier
DE100i-A100/B	DE100 5.25" Ultra ATA/133 Frame + Carrier, Black
DE100i-CA100	DE100 3.5" Ultra ATA/133 Carrier
DE100i-CA100/B	DE100 3.5" Ultra ATA/133 Carrier, Black
DE100i-RA100	DE100 5.25" Ultra ATA/133 Receiving Frame
DE100i-RA100/B	DE100 5.25" Ultra ATA/133 Receiving Frame, Black
S20B115	DE100 5.25" Ultra ATA/133 HH Frame + Carrier, Solenoid
S20B116	DE100 5.25" Ultra ATA/133 HH Frame + Carrier, Solenoid, Black
S20B117	DE100 5.25" Ultra ATA/133 HH Receiving Frame, Solenoid
S20B118	DE100 5.25" Ultra ATA/133 HH Receiving Frame, Solenoid, Black

SCSI 50-Pin Narrow

Part Number	Description
DE100i-CS	DE100 3.5" 50-Pin SCSI Carrier
DE100i-CS/B	DE100 3.5" 50-Pin SCSI Carrier, Black
DE100i-RS	DE100 5.25" 50-Pin SCSI HH Receiving Frame
DE100i-RS/B	DE100 5.25" 50-Pin SCSI HH Receiving Frame, Black
DE100i-S	DE100 5.25" 50-Pin SCSI HH Frame + Carrier
DE100i-S/B	DE100 5.25" 50-Pin SCSI HH Frame + Carrier, Black

SCSI 68-Pin Wide

Part Number	Description
DE100i-CSW	DE100 3.5" 68-Pin SCSI Wide Carrier
DE100i-CSW/B	DE100 3.5" 68-Pin SCSI Wide Carrier, Black
DE100i-CSWTN	DE100 3.5" 68-Pin Wide to 50-Pin Narrow SCSI Carrier
DE100i-CSWTN/B	DE100 3.5" 68-Pin Wide to 50-Pin Narrow SCSI Carrier, Black
DE100i-RSW	DE100 5.25" 68-Pin SCSI Wide HH Receiving Frame
DE100i-RSW/B	DE100 5.25" 68-Pin SCSI Wide HH Receiving Frame, Black
DE100i-SW	DE100 5.25" 68-Pin SCSI Wide HH Frame + Carrier
DE100i-SW/B	DE100 5.25" 68-Pin SCSI Wide HH Frame + Carrier, Black

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SCSI 68-Pin Wide Ultra160

Part Number

DE100i-CSW160
DE100i-CSW160/B
DE100i-RSW160
DE100i-RSW160/B
DE100i-RSW160/S
DE100i-RSW160/SB
DE100i-SW160
DE100i-SW160/B
DE100i-SW160/S
DE100i-SW160/SB
S20A100
S20A101
S20A131
S20A132

Description

DE100 3.5" 68-Pin SCSI Ultra160 Carrier
DE100 3.5" 68-Pin SCSI Ultra160 Carrier, Black
DE100 5.25" 68-Pin SCSI Ultra160 HH Receiving Frame
DE100 5.25" 68-Pin SCSI Ultra160 HH Receiving Frame, Black
DE100 5.25" 68-Pin SCSI Ultra160 HH Receiving Frame, Solenoid
DE100 5.25" 68-Pin SCSI Ultra160 HH Receiving Frame, Solenoid, Black
DE100 5.25" 68-Pin SCSI Ultra160 HH Frame + Carrier
DE100 5.25" 68-Pin SCSI Ultra160 HH Frame + Carrier, Black
DE100 5.25" 68-Pin SCSI Ultra160 HH Frame + Carrier, Solenoid.
DE100 5.25" 68-Pin SCSI Ultra160 HH Frame + Carrier, Solenoid, Black
DE100 5.25" 68-Pin SCSI Ultra160 HH Frame + Carrier, Repeater, Black
DE100 5.25" 68-Pin SCSI Ultra160 HH Receiving Frame, Repeater, Black
DE100 5.25" 68-Pin SCSI Ultra160 HH Frame + Carrier, Repeater
DE100 5.25" 68-Pin SCSI Ultra160 HH Receiving Frame, Repeater

SCSI 68-Pin Wide Ultra320

Part Number

S20A150
S20A151
S20A152
S20A153
S20A158
S20A159

Description

DE100 5.25" 68-Pin SCSI Ultra320 HH Frame + Carrier, Repeater
DE100 5.25" 68-Pin SCSI Ultra320 HH Receiving Frame, Repeater
DE100 5.25" 68-Pin SCSI Ultra320 HH Frame + Carrier, Repeater, Black
DE100 5.25" 68-Pin SCSI Ultra320 HH Receiving Frame, Repeater, Black
DE100 3.5" 68-Pin SCSI Ultra320 Carrier
DE100 3.5" 68-Pin SCSI Ultra320 Carrier, Black

SCSI 80-Pin Wide Ultra160

Part Number

DE100i-CSWC160
DE100i-CSWC160/B
DE100i-RSWC160
DE100i-RSWC160/B
DE100i-RSWC160/S
DE100i-RSWC160/SB
DE100i-SWC160
DE100i-SWC160/B
DE100i-SWC160/S
DE100i-SWC160/SB
S20A140
S20A141
S20A142
S20A143

Description

DE100 3.5" 80-Pin SCSI Ultra160 Carrier, Fan
DE100 3.5" 80-Pin SCSI Ultra160 Carrier, Black, Fan
DE100 5.25" 80-Pin SCSI Ultra160 HH Receiving Frame
DE100 5.25" 80-Pin SCSI Ultra160 Receiving Frame, Black
DE100 5.25" 80-Pin SCSI Ultra160 Receiving Frame, Solenoid
DE100 5.25" 80-Pin SCSI Ultra160 Receiving Frame, Solenoid, Black
DE100 5.25" 80-Pin SCSI Ultra160 HH Frame + Carrier, Fan
DE100 5.25" 80-Pin SCSI Ultra160 HH Frame + Carrier, Fan, Black
DE100 5.25" 80-Pin SCSI Ultra160 Frame + Carrier, Fan, Solenoid
DE100 5.25" 80-Pin SCSI Ultra160 Receiving + Carrier, Fan, Solenoid, Black
DE100 5.25" 80-Pin SCSI Ultra160 HH Frame + Carrier, Repeater
DE100 5.25" 80-Pin SCSI Ultra160 HH Receiving Frame, Repeater
DE100 5.25" 80-Pin SCSI Ultra160 HH Frame + Carrier, Repeater, Black
DE100 5.25" 80-Pin SCSI Ultra160 HH Receiving Frame, Repeater, Black

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SCSI 80-Pin Wide Ultra320

Part Number

S20A160
S20A161
S20A162
S20A163
S20A164
S20A165

Description

DE100 5.25" 80-Pin SCSI Ultra320 HH Frame + Carrier, Fan, Repeater
DE100 5.25" 80-Pin SCSI Ultra320 HH Receiving Frame, Repeater
DE100 3.5" 80-Pin SCSI Ultra320 Carrier, Fan
DE100 5.25" 80-Pin SCSI Ultra320 HH Frame + Carrier, Fan, Repeater, Black
DE100 5.25" 80-Pin SCSI Ultra320 HH Receiving Frame, Repeater, Black
DE100 3.5" 80-Pin SCSI Ultra320 Carrier, Fan, Black